

## **ABSTRACT**

A signal switching device including an interface having a video signal communicating unit, a DDC and an HPD, controlling  
5 connected device, or being controlled by connected device. A  
switcher (2) includes a switch (30) for selecting video signal input,  
a DDC (26c) for reading information from output destination device,  
a microcomputer (33) for reading information indicating a physical  
address of switcher (2) and a status of the output destination device  
10 through DDC (26c), and a DDC (22a) and a DDC (22b) for outputting  
information to a plurality of input source devices. The  
microcomputer (33) stores the physical address of the switcher (2)  
and above-mentioned information into an EDID memory (32) and  
reads the above-mentioned information out of the EDID memory  
15 (32) and outputs through the DDC (22a) and the DDC (22b).